

STATEMENT OF LEGAL AND FACTUAL BASIS

MINOR PERMIT MODIFICATION

U.S. Naval Base, Norfolk
Sewells Point, Norfolk, Virginia
Permit No. TRO60941

Title V of the 1990 Clean Air Act Amendments required each state to develop a permit program to ensure that certain facilities have federal Air Pollution Operating Permits, called Title V Operating Permits. As required by 40 CFR Part 70 and 9 VAC 5 Chapter 80, U.S. Naval Base, Norfolk has applied for a Minor Modification to the Title V Operating Permit for its naval base in Norfolk, Virginia. The Department has reviewed the application and has prepared a modified Title V Operating Permit.

Permit Writer / Contact:_____

Date:

Air Permit Manager:_____

Date:

Deputy Regional Director:_____

Date:

FACILITY INFORMATION

Permittee

Regional Engineer
By Direction of
Commander, Navy Region Mid-Atlantic

Facility

U.S. Naval Base, Norfolk
Sewells Point
Norfolk, Virginia

AFS ID No. 51-710-00194

SOURCE DESCRIPTION - Navy Public Works Center

NAICS Code 928110 - National Security

The facility is the public works/operations, supply and maintenance department at the home port of the Navy's Atlantic Fleet. No products are manufactured at the facility. There is not one distinct, overriding "process" conducted at this facility. Instead, various activities and operations are conducted primarily to provide steam (heat) and, in certain instances, electricity to most of the operations at the facility. Various maintenance activities are also performed throughout Naval Station Norfolk.

The entire facility is a Title V major source of sulfur dioxide, nitrogen oxides (as NO₂), carbon monoxide and hazardous air pollutants. This source is located in a non-attainment area for Ozone (Volatile Organic Compound) and Nitrogen Oxides, and is a PSD-sized source. Several emissions units located at the public works center portion of the facility were previously permitted under minor NSR permits, issued on June 13, 2003 (supersedes permit dated May 17, 2001), February 5, 2003, October 10, 2002, December 8, 1999, May 19, 1999, and August 2, 1985.

REQUESTED MODIFICATION and REASON FOR MODIFICATION

U.S. Naval Base, Norfolk has requested the rescission of the NSR permit dated May 17, 2001, as amended July 23, 2003, for the construction and operation of an indoor firing range (FIRI-004). Calculation of the emissions from the firing range using recently-developed emission factors in AP42 for Ordnance Detonation result in emissions at a level not requiring permitting under New Source Review. The NSR permit was rescinded on February 17, 2006. The Title V permit conditions for the firing range (FIRI-004) have been removed from the Title V permit. The unit has been included in the list of insignificant activities.

APPLICABILITY OF 9 VAC 5-80-230

This permit modification will delete requirements existing in the current Title V Operating Permit. As this is the case, this modification will be processed using the Minor Modification Procedures as defined in 9 VAC 5-80-230.

CHANGES TO TITLE V OPERATING PERMIT

All conditions relating to Emission Unit FIRI-004 have been deleted.

PUBLIC PARTICIPATION

The public participation requirements of 9 VAC 5-80-270 do not apply to this minor permit modification. However, a 45-day EPA review period is required.

PERMIT REVIEW BY EPA AND AFFECTED STATES

The EPA and affected states review requirements of 9 VAC 5-80-290 apply to this minor permit modification. A 45-day EPA review period is required. North Carolina is an affected state, and will be notified of this minor permit modification.